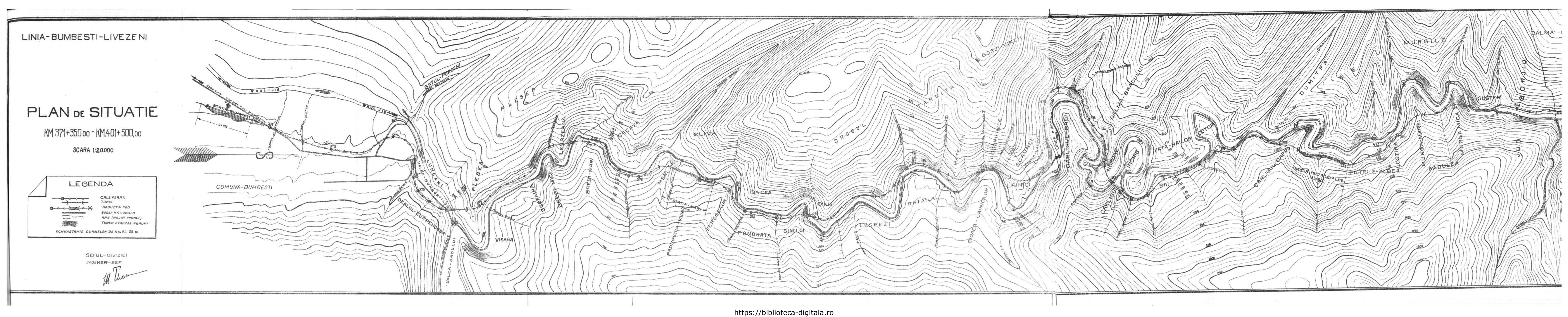
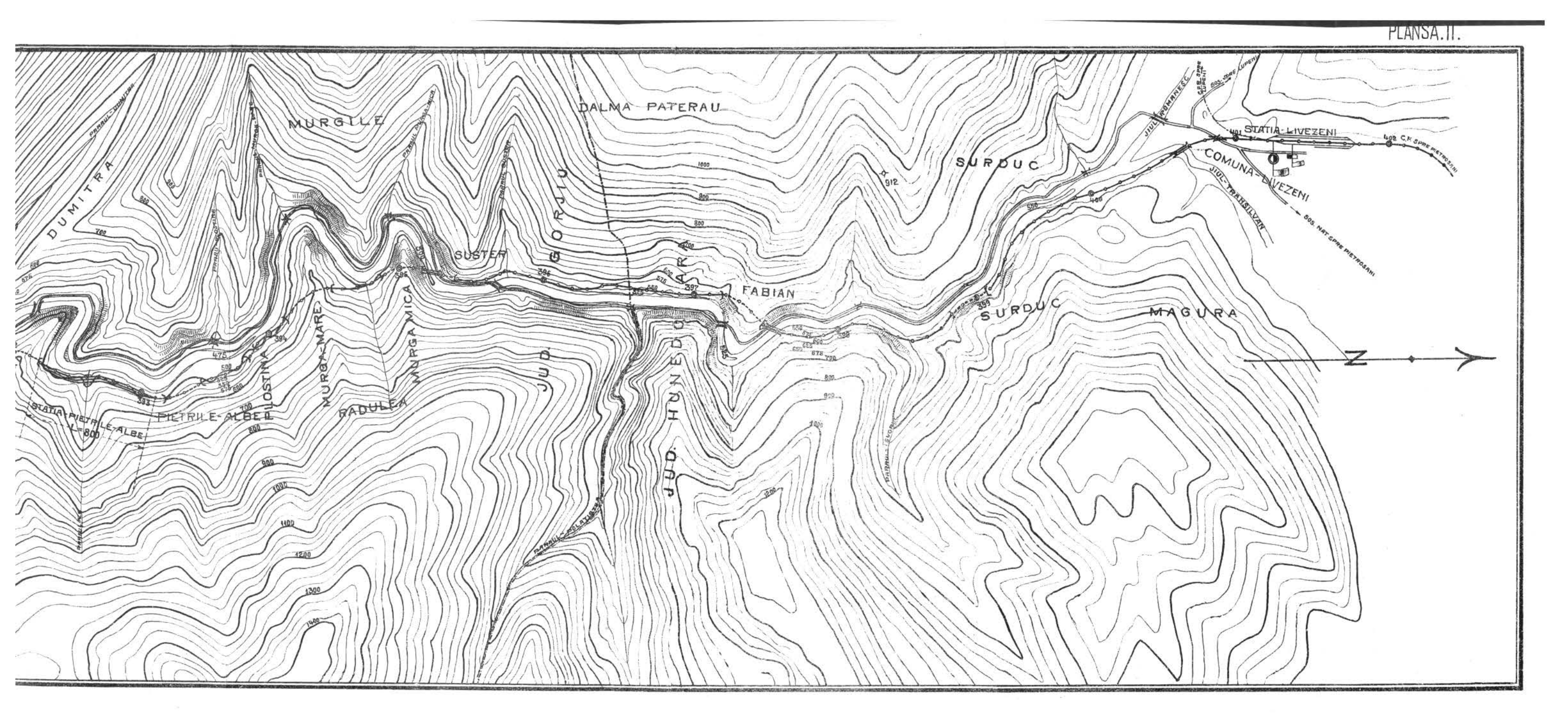
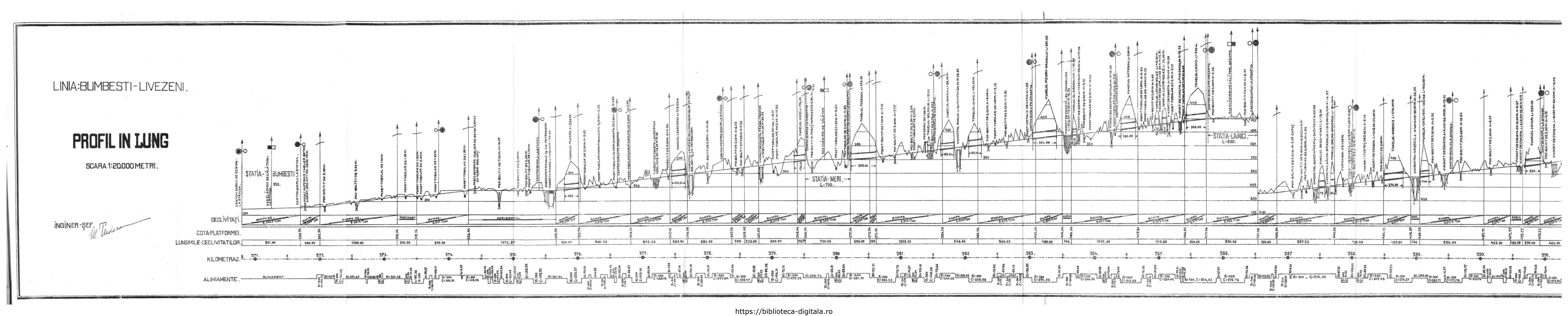


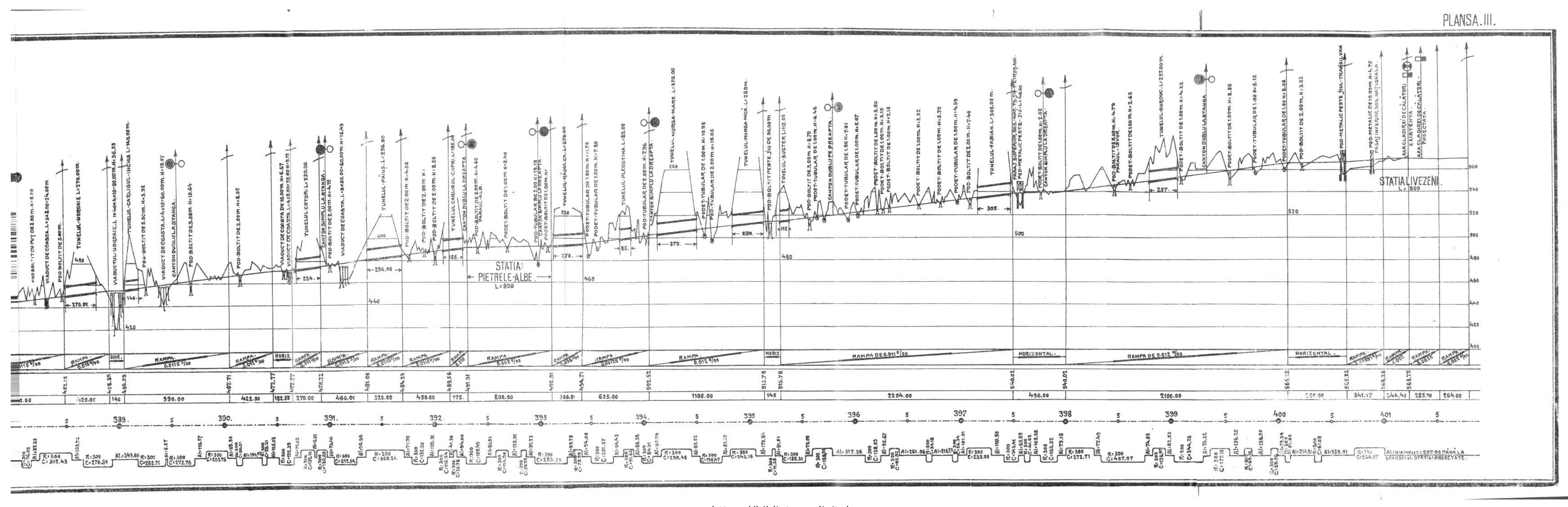
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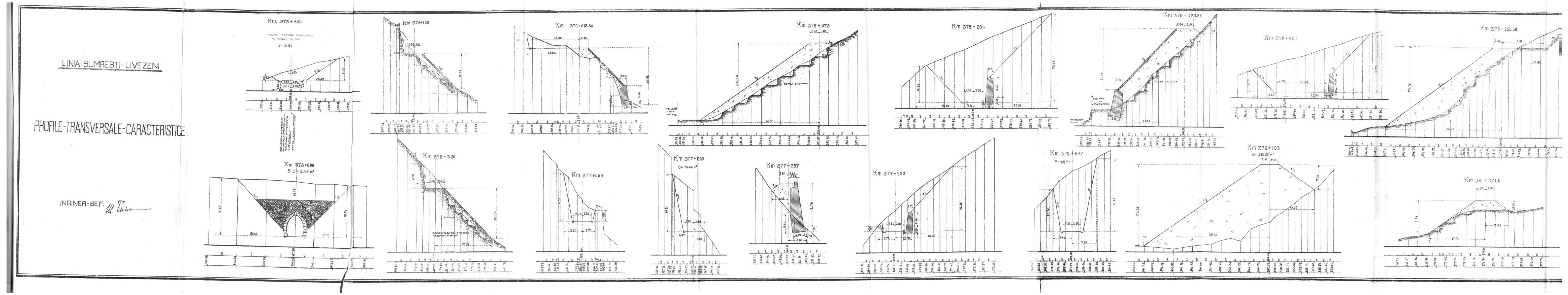
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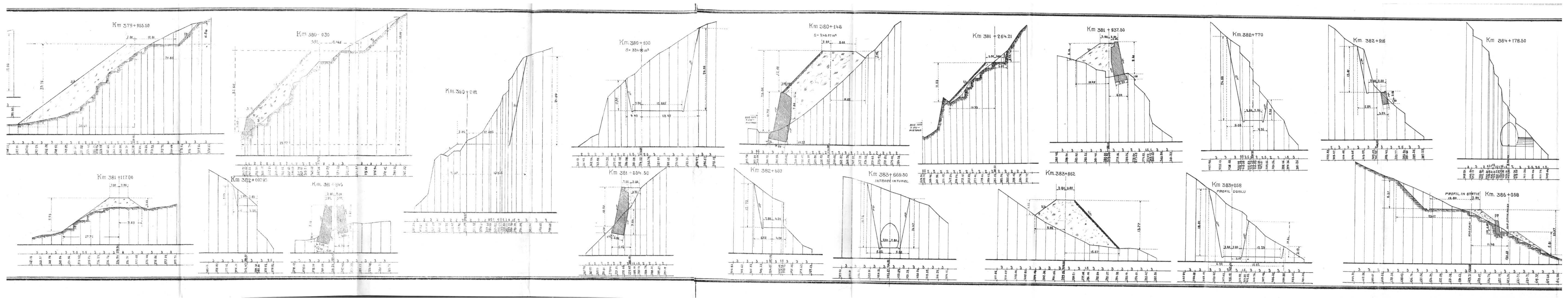
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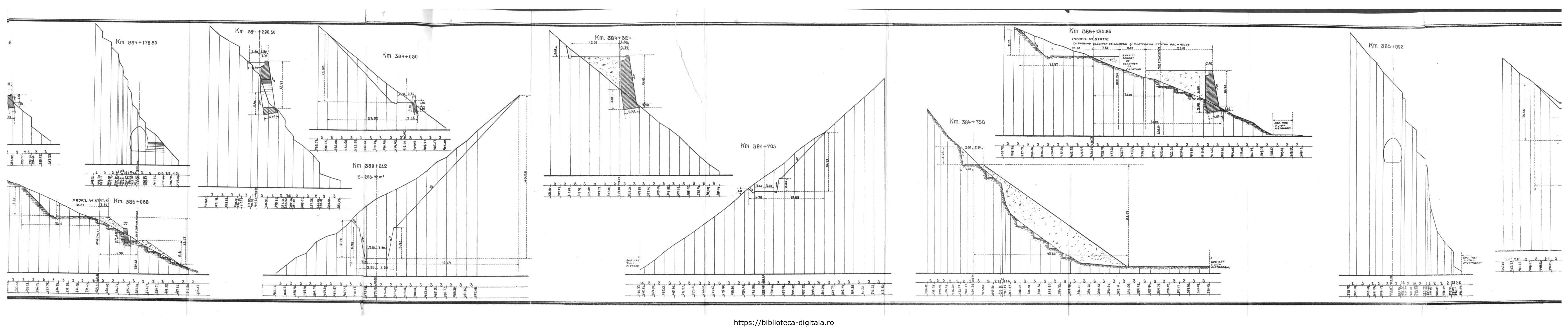
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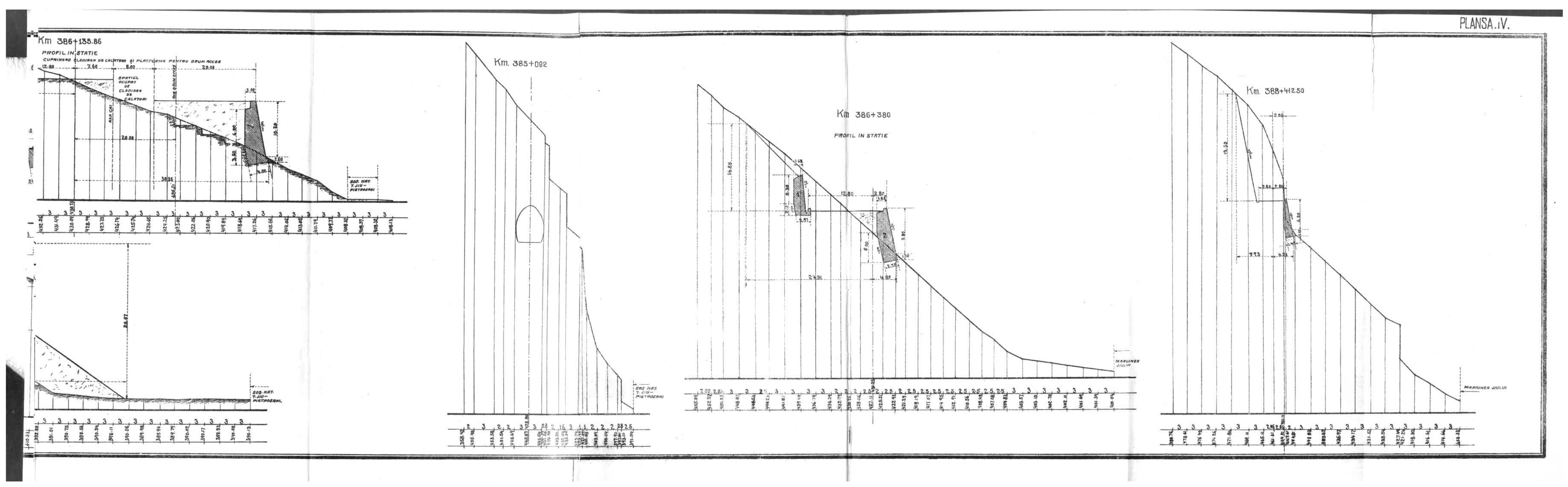
LINIA: BUMBESTI-LIVEZENI
PROFILE-TRANSVERSALE-CARACTERISTICE
INGINER-SEF.
Km. 373+450
S= 81.84
Km 375+800
S D = 286 m²
Km. 376+163
Km. 376+613.50
Km. 378+073
Km 378+284
Km. 378+430.82
Km. 379+900
Km. 379+955.50
Km. 376+360
Km. 377+664
Km. 377+099
Km. 377+287
Km 377+922
Km. 378+637
Km. 379+103
Km. 381+117.06



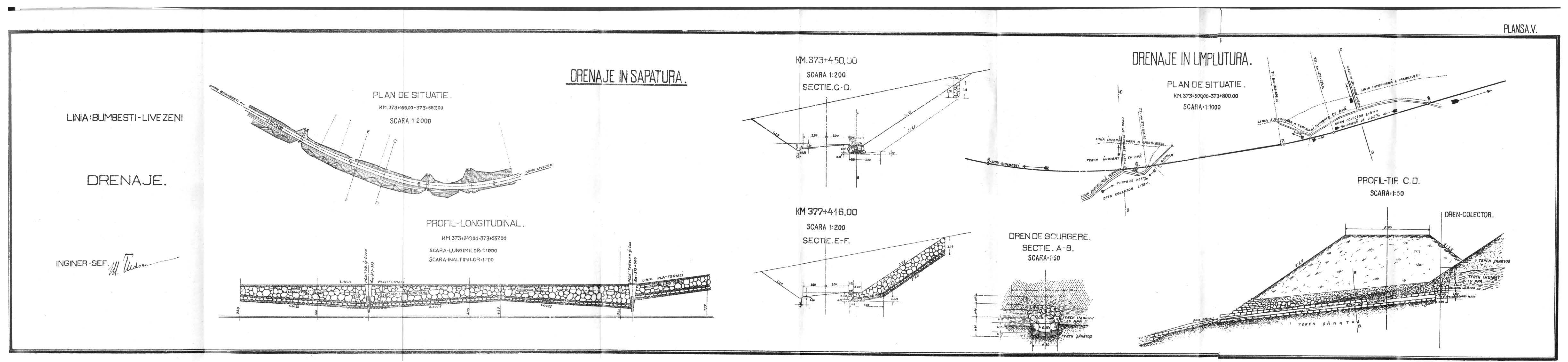
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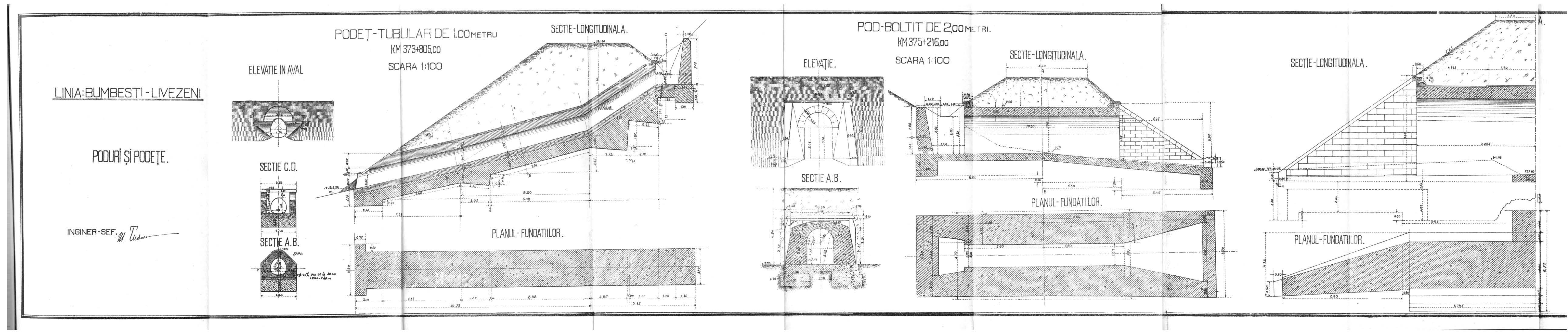


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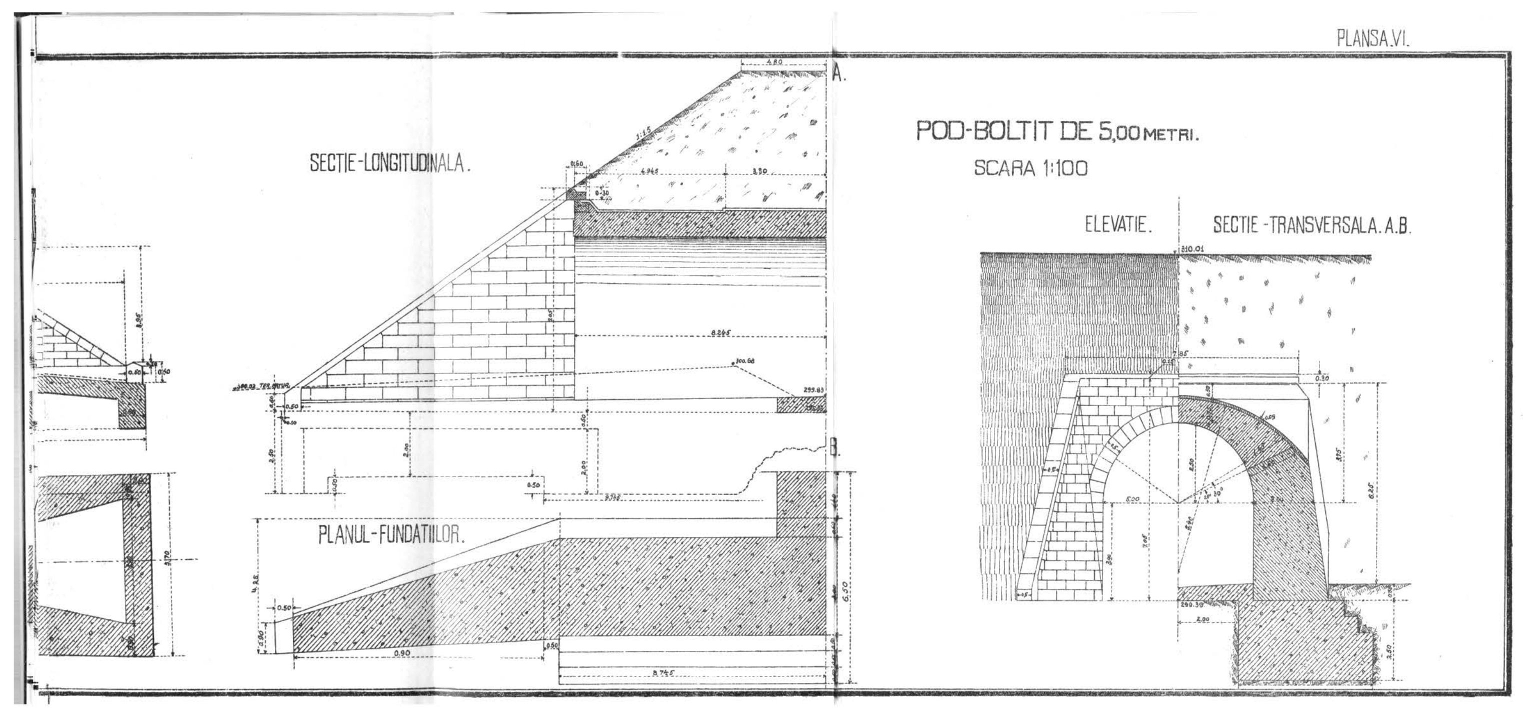


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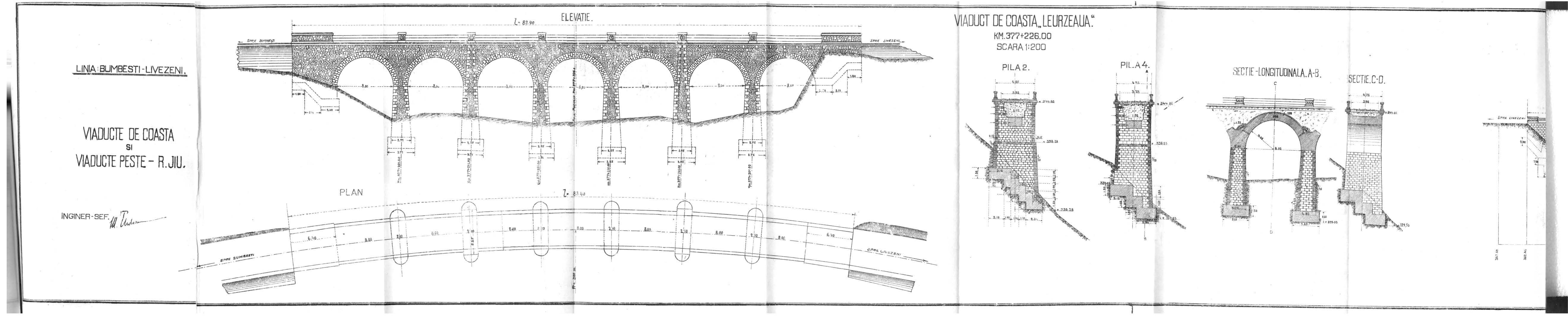

LINIA: BUMBESTI-LIVEZENI
DRENAJE.
INGINER-SEF.
DRENAJE IN SAPATURA.
PLAN DE SITUATIE.
KM.373+165,00-373+557,00
SCARA 1:2000
PROFIL-LONGITUDINAL.
KM.373+249,00-373+557,00
SCARA-LUNGIMILOR-1:1000
KM.373+450,00
SCARA 1:200
SECTIE.C-D.
KM 377+416,00
SCARA 1:200
SECTIE.E-F.
DRENAJE IN UMPLUTURA.
PLAN DE SITUATIE.
KM.373+500,00-373+800,00
SCARA-1:1000
DREN DE SCURGERE.
SECTIE. A-B.
SCARA 1:50
PROFIL-TIP C.D.
SCARA-1:50
DREN-COLECTOR.
TEREN SANATOS
TEREN IMBIBAT CU APA



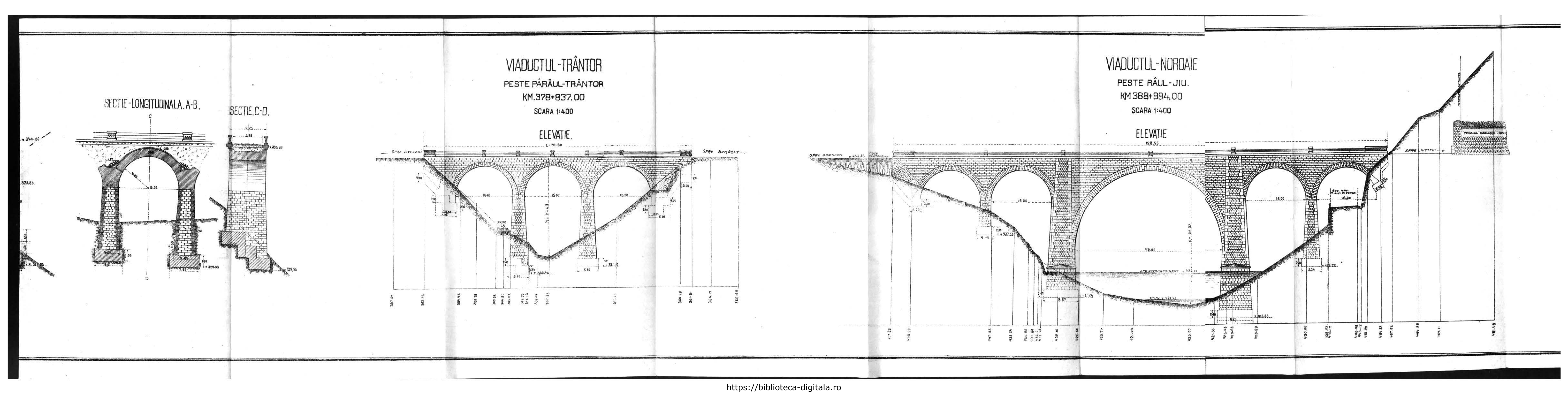
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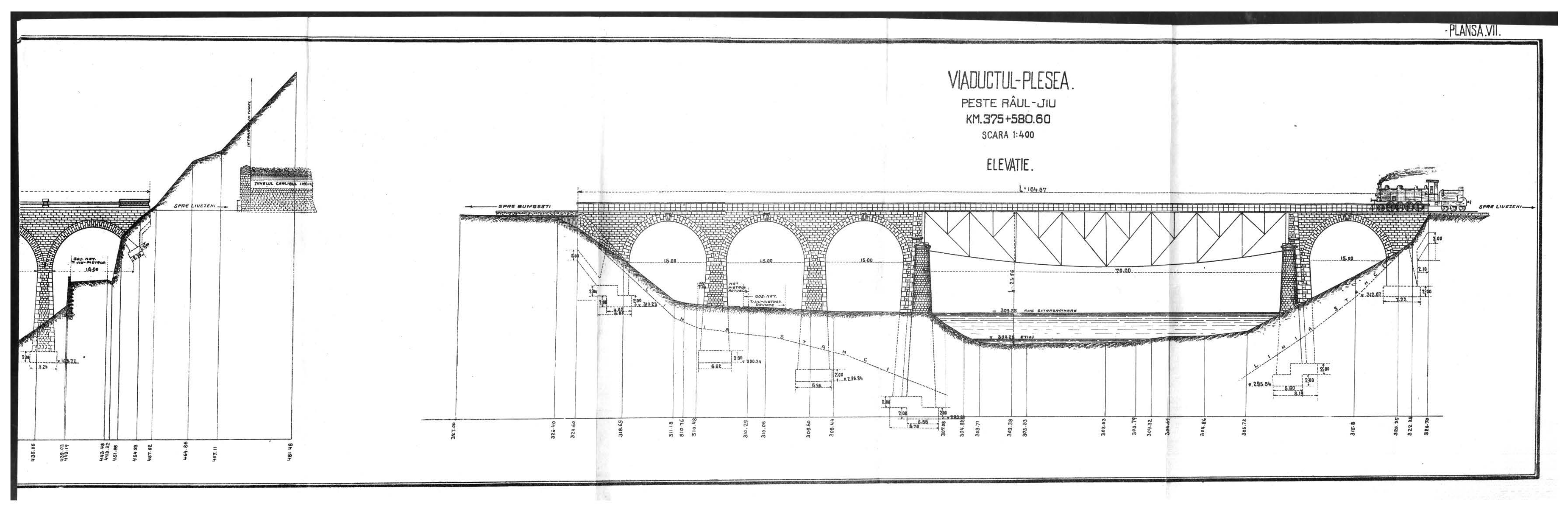
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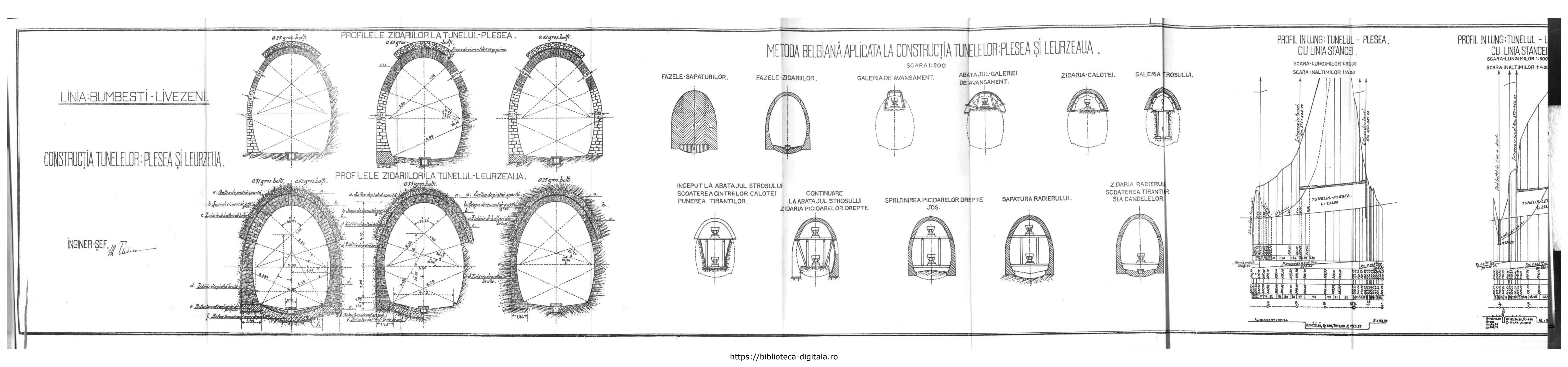
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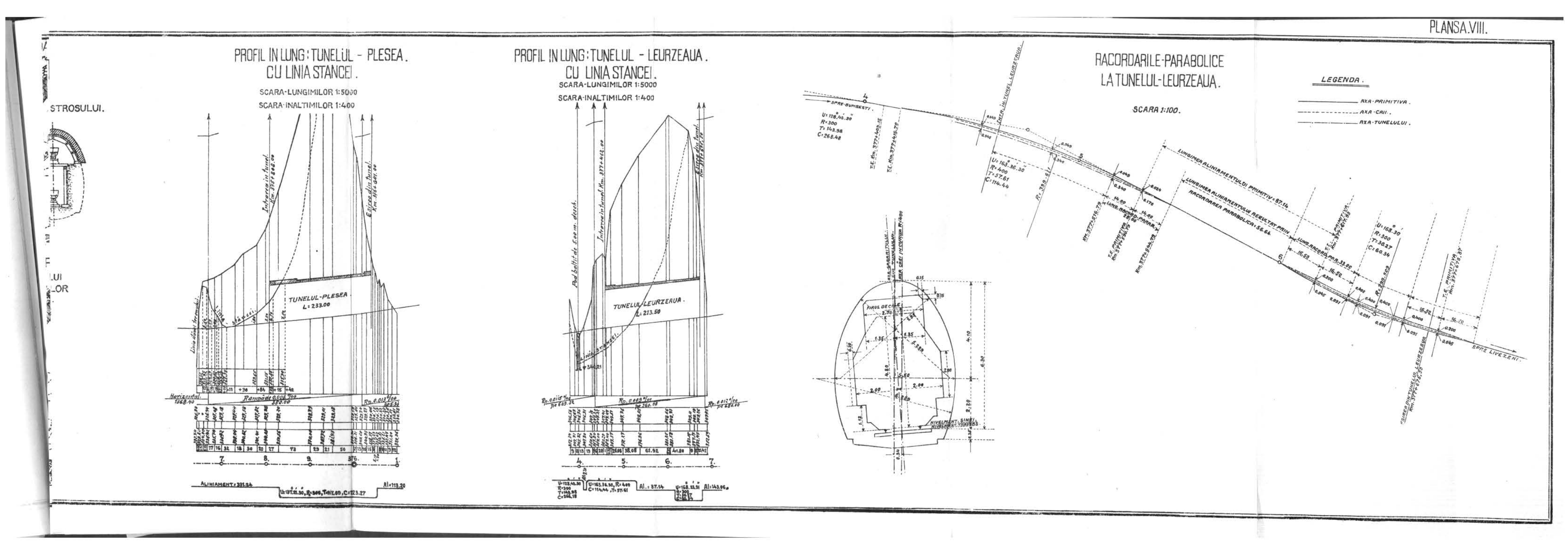


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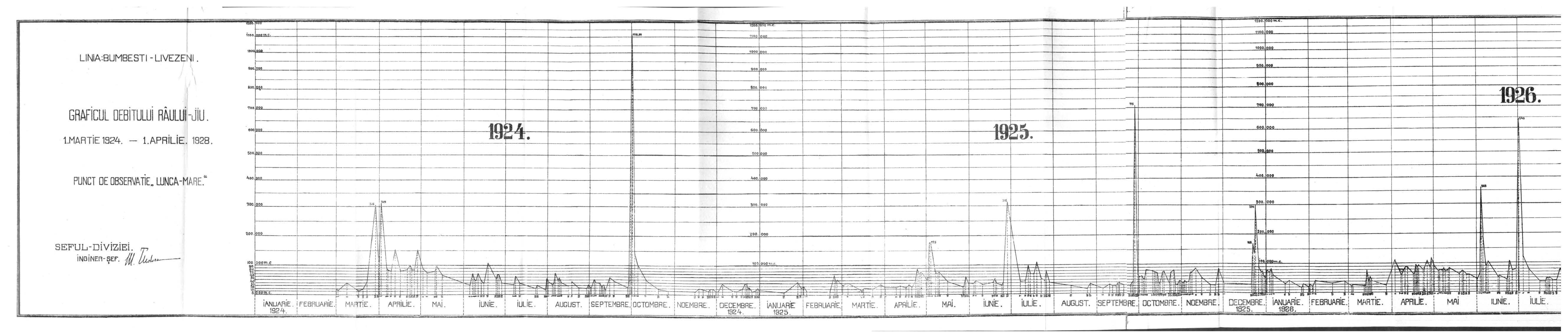


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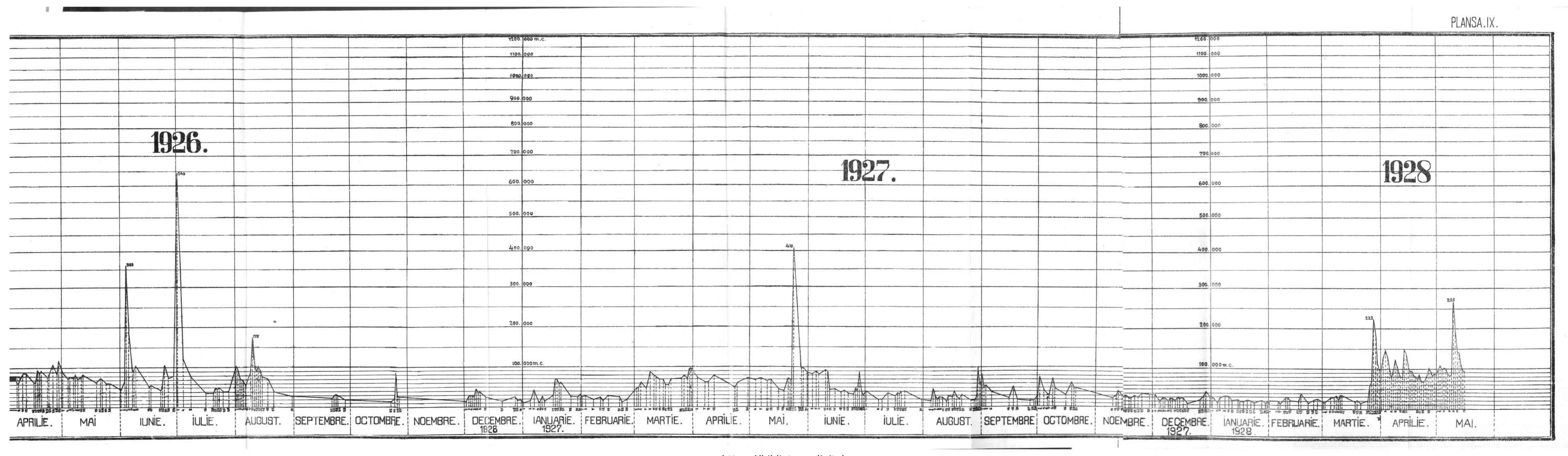

LINIA: BUMBEȘTI - LIVEZENI.
CONSTRUCȚIA TUNELELOR: PLEȘEA ȘI LEURZEAUA.
INGINER-ȘEF.
PROFILELE ZIDARIILOR LA TUNELUL-PLEȘEA.
PROFILELE ZIDARIILOR LA TUNELUL-LEURZEAUA.
METODA BELGIANĂ APLICATĂ LA CONSTRUCȚIA TUNELELOR: PLEȘEA ȘI LEURZEAUA.
SCARA 1:200
FAZELE-SAPATURILOR.
FAZELE-ZIDARIILOR.
GALERIA DE AVANSAMENT.
ABATAJUL GALERIEI DE AVANSAMENT.
ZIDARIA-CALOTEI.
GALERIA STROSULUI.
INCEPUT LA ABATAJUL STROSULUI SCOATEREA CINTRELOR CALOTEI PUNEREA TIRANTILOR.
CONTINUARE LA ABATAJUL STROSULUI ZIDARIA PICIOARELOR DREPTE
SPRIJINIREA PICIOARELOR DREPTE JOS.
SAPATURA RADIERULUI.
ZIDARIA RADIERULUI SCOATEREA TIRANTIR ȘIA CANDELELOR
PROFIL IN LUNG: TUNELUL - PLEȘEA. CU LINIA STANCEI.
SCARA-LUNGIMILOR 1:5000
SCARA-INALTIMILOR 1:400
TUNELUL-PLEȘEA
PROFIL IN LUNG: TUNELUL - L
CU LINIA STANCEI
SCARA-LUNGIMILOR 1:500
SCARA-INALTIMILOR 1:400



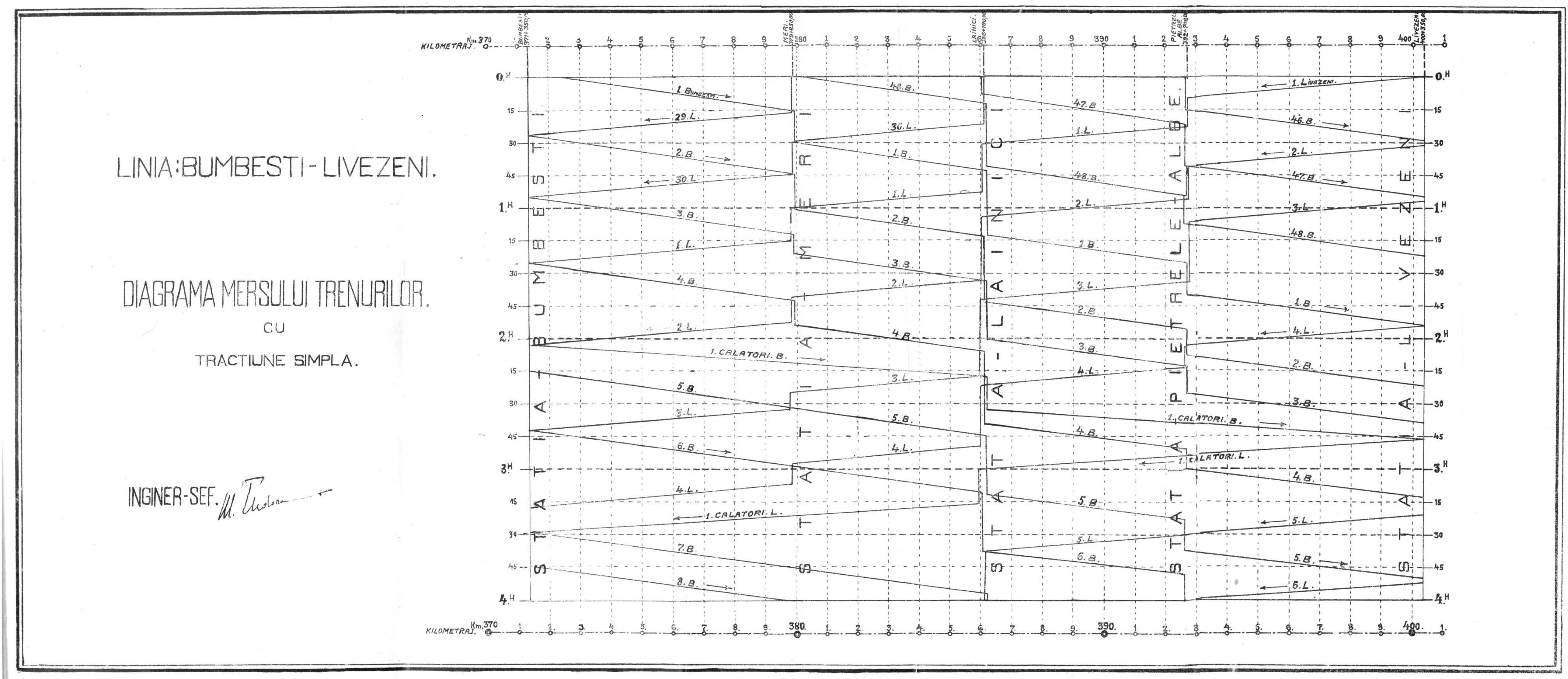
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